PTO/SB/17 (07-06 Approved for use through 01/31/2007. OMB 0651-00

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Under the Reperwork Red	uction of 1995	no persons are requ	vired to re	U.S. Pater	nt and Trade	emark Office; U. ation unless it d	S. DEPARTM	IENT OF COMME I OMB control nur	RCE /
FRADE	ective on 12/08/20	004.				omplete if I			
Fees pursuant to the Cons	olidated Appropria	tions Act, 2005 (H.R.		Application Nu		0/076,350		•	
FEE T	KANS	MILLA	<b>\</b> L	Filing Date	F	ebruary 19,	2002		
F	or FY 20	005		First Named In	ventor N	MOREIN			
Applicant claims sn	nall entity status	See 37 CFR 1 2	7	Examiner Nam	ne N	lguyen, Kim	binh T.		
			.,	Art Unit		2671			
TOTAL AMOUNT OF PA	AYMENT (\$)	100		Attorney Dock	et No. C	10007BM A	B0001		<u> </u>
METHOD OF PAYME	NT (check all	that apply)							
Check Cred	it Card \N	Money Order	Nor	ne Other	(please iden	tify):			_
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under 37 ( WARNING: Information on	CFR 1.16 and 1. this form may be	17 come public. Credi	t card inf	ا formation should	not be inclu	ided on this fo	rm. Provide	credit card	- 1
information and authorizat	ion on PTO-2038.								$\dashv$
FEE CALCULATION						<del></del>	•		$\dashv$
1. BASIC FILING, SE	ARCH, AND I FILING F			CH FEES	FXAM	INATION FE	FES		
	<u>S</u>	mall Entity		<b>Small Entity</b>		Small Ent	ity ,	Enna Bald (\$)	
Application Type	Fee (\$)	Fee (\$)	Fee (\$		Fee (			ees Paid (\$)	
Utility	300	150	500	250	200	100			İ
Design	200	100	100	50	130	65			
Plant	200	100	300	150	160	80			
Reissue	300	150	500	250	600	300			
Provisional	200	100	0	0	0	0		l Entity	
2. EXCESS CLAIM F Fee Description	EES					Fee (		e (\$)	
Each claim over 20						50		25	
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3. APPLICATION SIZ	<b>E FEE</b> and drawings e	exceed 100 sheet	ts of pa	ner (excluding	electroni	cally filed s	equence or	computer	
listings under 37	CFR 1.52(e))	, the application	size fe	e due is \$250 (	\$125 for	small entity	) for each	additional 50	
sheets or fraction	thereof. See	35 U.S.C. 41(a)	(1)(G)	and 37 CFR 1.	.16(s).		Fee (\$)	Fee Paid (\$	
<u>Total Sheets</u> - 100	Extra Shee			th additional 50 (round up to a			Lea (a)	=	_
4. OTHER FEE(S)				_, ,		_		Fees Paid	(\$)
Non-English Spec	ification, \$1	30 fee (no small	l entity	discount)					
Other (e.g., late fi	ling surcharge	):certificate of cor	rection (	37 CFR 1.20(a))				100	
SUBMITTED BY									$\supset$
Signature	110	11/		Registration No. (Attorney/Agent)	41,818	Tel	ephone (703	3) 499-9594	
Name (Print/Type) Kerry H	lartman >			(Attorney/Agent)		Da	te August 1	6, 2006	
( ) holl roll A									

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent No. 6,999,076

Inventor: STEPHEN L. MOREIN

Application No.: 10/076,350

Group Art Unit: 2671

Filed: February 19, 2002

Examiner: Nguyen, Kimbinh T.

Issued: February 14, 2006

Confirmation No.: 1361

For: SYSTEM, METHOD, AND APPARATUS FOR EARLY CULLING

#### REQUEST FOR CERTIFICATE OF CORRECTION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In reviewing the issued patent referenced above, applicant has discovered two minor typographical errors that were not the fault of the Office. Applicant respectfully requests issuance of a Certificate of Correction for the correction of these errors:

Column 8, lines 30-31: change "the pixel," to --the pixel;--Column 10, lines 5-6: change "the pixel," to --the pixel;--

Applicant notes that the text in which these errors appear is recited in the Examiner's Reasons for Allowance dated December 27, 2005 (copy attached), where it is punctuated correctly. Therefore, applicant respectfully submits that the requested correction cannot be said to constitute new matter or to requires constitute 189.08 DA 6999076

Applicant also respectfully requests that the issued Certificate include correction of the following three errors, which are attributable solely to the Office:

AUG 21

Page 2, bottom of second column: change "filed Oct. 21, 2003." to --filed Mar. 9, 2000.--

Column 11, line 18: change "logic circuit" to --the logic circuit--

Column 12, line 2: change "wherein logic circuit" to --wherein the logic circuit--

Regarding the first of these three errors, a copy of the first page of U.S. Provisional Patent Application No. 60/188,052 is attached.

A copy of form PTO/SB/44 setting forth the five errors recited above is attached, together with a copy of form PTO/SB/17 authorizing the Office to charge the fee associated with this request under 37 CFR 1.20(a).

Date: August 16, 2006

Reg. No. 41,818 Tel. No. (703) 499-9594 Fax No. (703) 499-9594 Customer No. 49108 Signature of Fractitioner Kerry T. Hartman

HARTMAN PATENTS PLLC

3399 Flint Hill Pl.

Woodbridge, VA 22192

Supplemental of OIPE 23 1000	ication No.	Applicant(s)
		MOREIN, STEPHEN L.
Notice of Allowability Aug 1 6 2006 Exam	niner	Art Unit
(7)	oinh T. Nauven	2671
The MAILING DATE of this communication appears of the previously mailed), a Notice of Allowance (PTOL-85) or otherwith (or previously mailed), a Notice of Allowance (PTOL-85) or otherwith (or previously mailed), a Notice of Allowance (PTOL-85) or othe NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS of the Office or upon petition by the applicant. See 37 CFR 1.313 and Mail of the Office or upon petition by the applicant. See 37 CFR 1.313 and Mail of the Office or upon petition by the applicant. See 37 CFR 1.313 and Mail of the Office or upon petition by the applicant. See 37 CFR 1.313 and Mail of the Office or upon petition by the applicant. See 37 CFR 1.313 and Mail of the Office or upon petition by the Office of	in the cover sheet with the core REMAINS) CLOSED in this application was application is subject to ward the control of the control of the control of this application to file a reply control of this application.  Note the attached EXAMINER'S son(s) why the oath or declaration when the control of the control of this application.  Note the attached EXAMINER'S son(s) why the oath or declaration when the control of the control	respondence address-cation. If not included rill be mailed in due course. THIS withdrawal from issue at the initiative attional stage application from the emplying with the requirements.  AMENDMENT or NOTICE OF on is deficient.  All attached ice action of the back) of ust be submitted. Note the
Attachment(s)  1. Notice of References Cited (PTO-892)  2. Notice of Draftperson's Patent Drawing Review (PTO-948)  3. Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date  4. Examiner's Comment Regarding Requirement for Deposit of Biological Material	5. Notice of Informal Pat 6. Interview Summary (F Paper No./Mail Date 7. Examiner's Amendme 8. Examiner's Statement 9. Other	PTO-413), nt/Comment

Page 2

'Application/Control Number: 10/076,350

Art Unit: 2671

#### Information Disclosure Statement

The information disclosure statement (IDS) submitted on 04/11/05 was filed after the mailing date of the Notice of Allowance on 01/12/05. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

#### Reasons for Allowance

The following is an examiner's statement of reasons for allowance:

Claims 1, 27, 36 and 38, the prior art does not teach determining a non-depth conditional status of a fragment corresponding to a pixel; determining that a scratchpad contains an entry mapped to the pixel; comparing a Z value of the fragment to a value of the entry; and based on a result of the comparing, passing the fragment to a pixel pipeline; wherein determining a non-depth conditional status of a fragment includes determining whether incorporation of a second value of the fragment into the pixel is conditional on a non-depth criterion.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kimbinh T. Nguyen whose telephone number is (571) 272-7644. The examiner can normally be reached on Monday to Thursday from 7:00

Page 3

'Application/Control Number: 10/076,350

Art Unit: 2671

AM to 4:30 PM. The examiner can also be reached on alternate Friday from 7:00 AM to 3:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ulka Chauhan can be reached at (571) 272-7782. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

December 27, 2005

KIMBINHT. NGUYEN PRIMARY EXAMINER

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ease type a plus sign (+) inside this box 

PTO/SB/16 (2-98)

Approved for use through 01/31/2001. OMB 0651-0037

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## PROVISIONAL APPLICATION FOR PATENT COVER SHEET

This is a request for filing a	PROVISIONAL AP	PLICAT	TON FOR PA	ATENT	under	37 CFR 1.53 (c).		
	INVE	NTOR(S	5)					
Given Name (first and middle (if any))	n Name (first and middle [if any]) Family Name or Sumame				Residence (City and either State or Foreign Country)			
Edward Colton	Greene		Portola Valley, California					
Additional inventors are being	g named on the s	eparately	numbered sh	eets att	ached h	ereto		
Improved Metho in braphics Eys	mle of the invent d and Appl stems (Dr	avat	us frin	Oce	Шя 8°, Z	on Culling 100)		
Direct all correspondence to:  Customer Number  Type	CORRESPOND  O Customer Number he		DDRESS [			mer Number abel here		
	nard Gre							
	Russell	Ave	2.					
Address City Perte	la Valley s	itate	CA		ZIP	94028		
Country U.S.		ephone	650 529	1625	Fax	_		
	NCLOSED APPLICA	TION PA	RTS (check a	ili that a	pply)			
Specification Number of Pa	ges 19	X	Small Entity St	atement				
Drawing(s) Number of Shee	ets 4		Other (specify)					
METHOD OF PAYMENT OF FILI	NG FEES FOR THIS F	PROVISI	ONAL APPLIC	ATION	FOR PA	ATENT (check one)		
A check or money order is e	nclosed to cover the fil	ling fees				FILING FEE AMOUNT (\$)		
The Commissioner is hereby fees or credit any overpayme						\$75,		

Yes, the name of the U.S. Government agency and the Government contract number are: Respectfully submitted. 317100 Date

REGISTRATION NO. (if appropriate) Docket Number:

650 529 1625

United States Government.

No.

USE ONLY FOR FILING A PROVISIONAL APPLICATION FOR PATENT

The invention was made by an agency of the United States Government or under a contract with an agency of the

This collection of Information is required by 37 CFR 1.51. The Information is used by the public to fite (and by the PTO to process) a provisional application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 8 hours to complete, including gathering, preparing, and submitting the complete provisional application to the PTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, D.C., 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Box Provisional Application, Assistant Commissioner for Patents, Washington, D.C., 20231.

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(Also Form PTO-1050)

# UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

	Page1 of	: 1
PATENT NO. : 6,999,076	. 490 0.	
APPLICATION NO.: 10/076,350		
ISSUE DATE : February 14, 2006		
INVENTOR(S) : Stephen L. MOREIN		
It is certified that an error appears or errors appear in the above-identified patent and is hereby corrected as shown below:	that said Letters	Patent
Page 2, bottom of second column: change "filed Oct. 21, 2003." to —filed Mar. 9, 2000.—Column 8, lines 30-31: change "the pixel," to —the pixel;—Column 10, lines 5-6: change "the pixel," to —the pixel;—Column 11, line 18: change "logic circuit" to —the logic circuit—Column 12, line 2: change "wherein logic circuit" to —wherein the logic circuit—		
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MAILING ADDRESS OF SENDER (Please do not use customer number below):

Hartman Patents PLLC 3399 Flint Hill Pl. Woodbridge, VA 22192

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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